

Fig. 1A

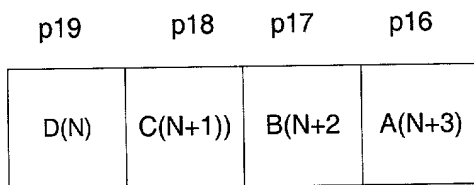
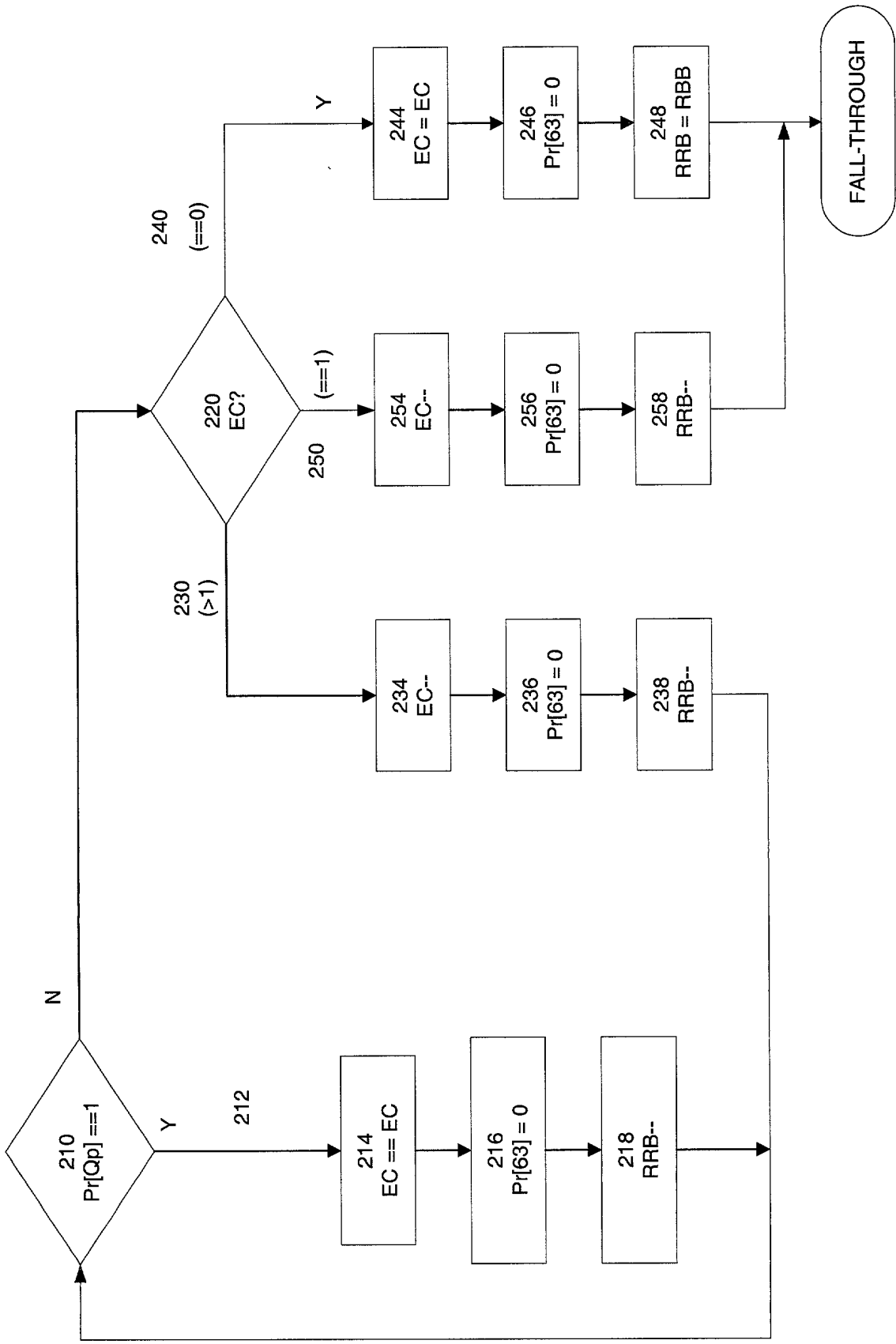


Fig. 1B

Fig. 2



mov pr.rot = 0x10000
 mov EC = 2

LIVE-IN VALUES

INITIATION
INTERVAL

1

2

3 to N

N+1

N+2

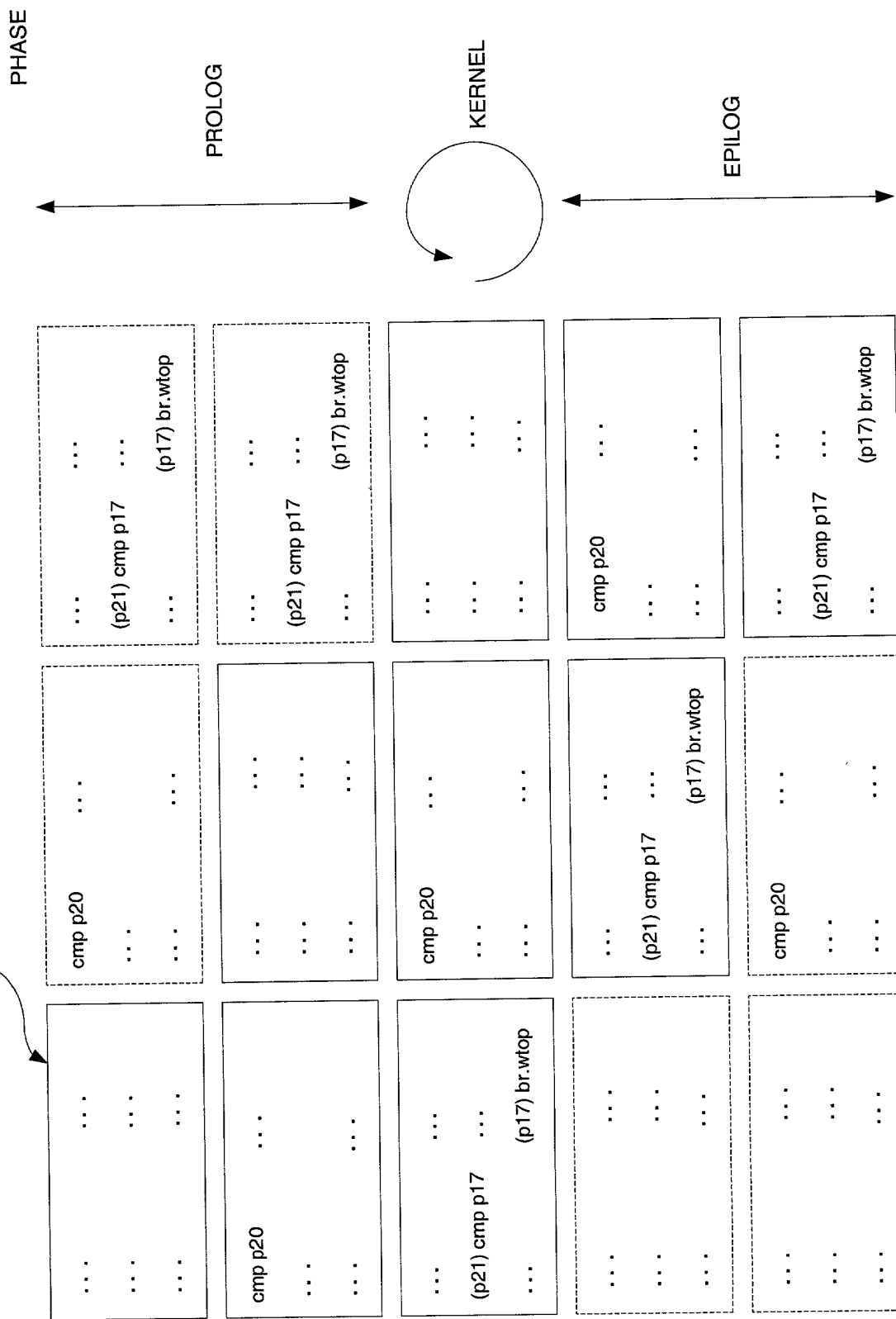


Fig. 3A

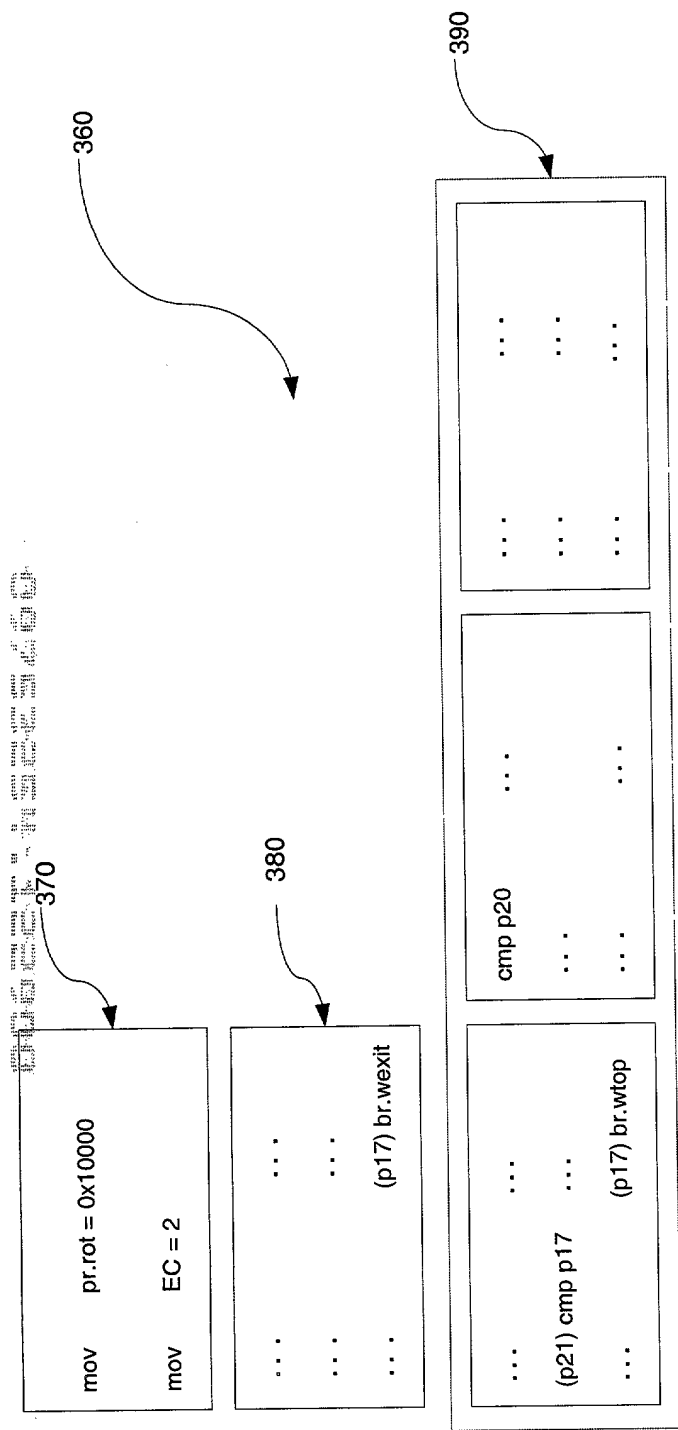


Fig. 3B

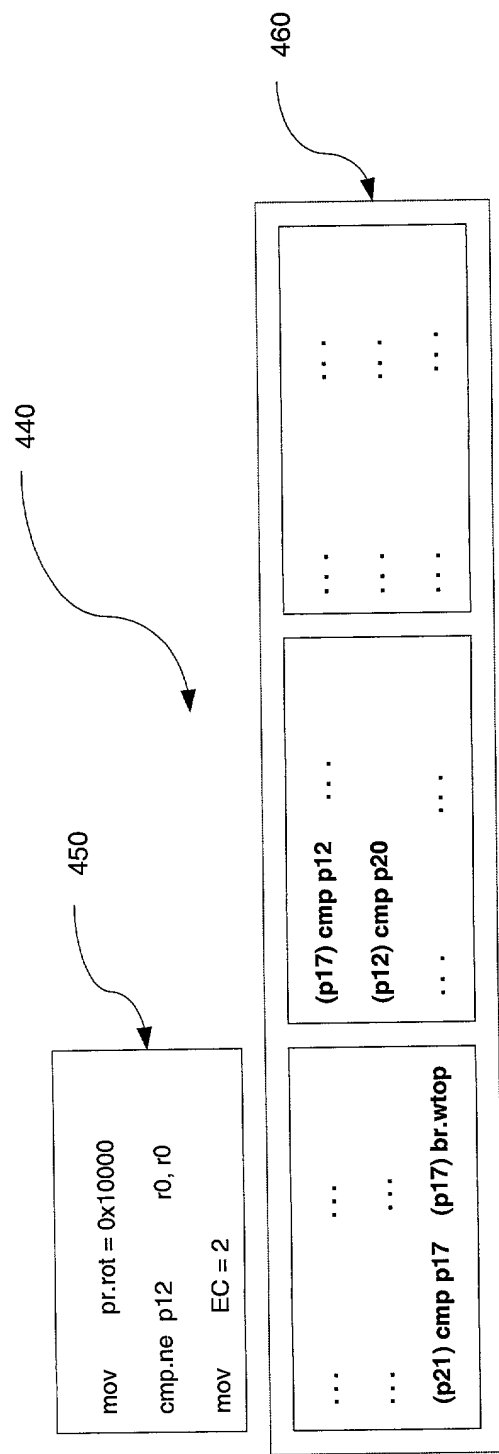


Fig. 4B

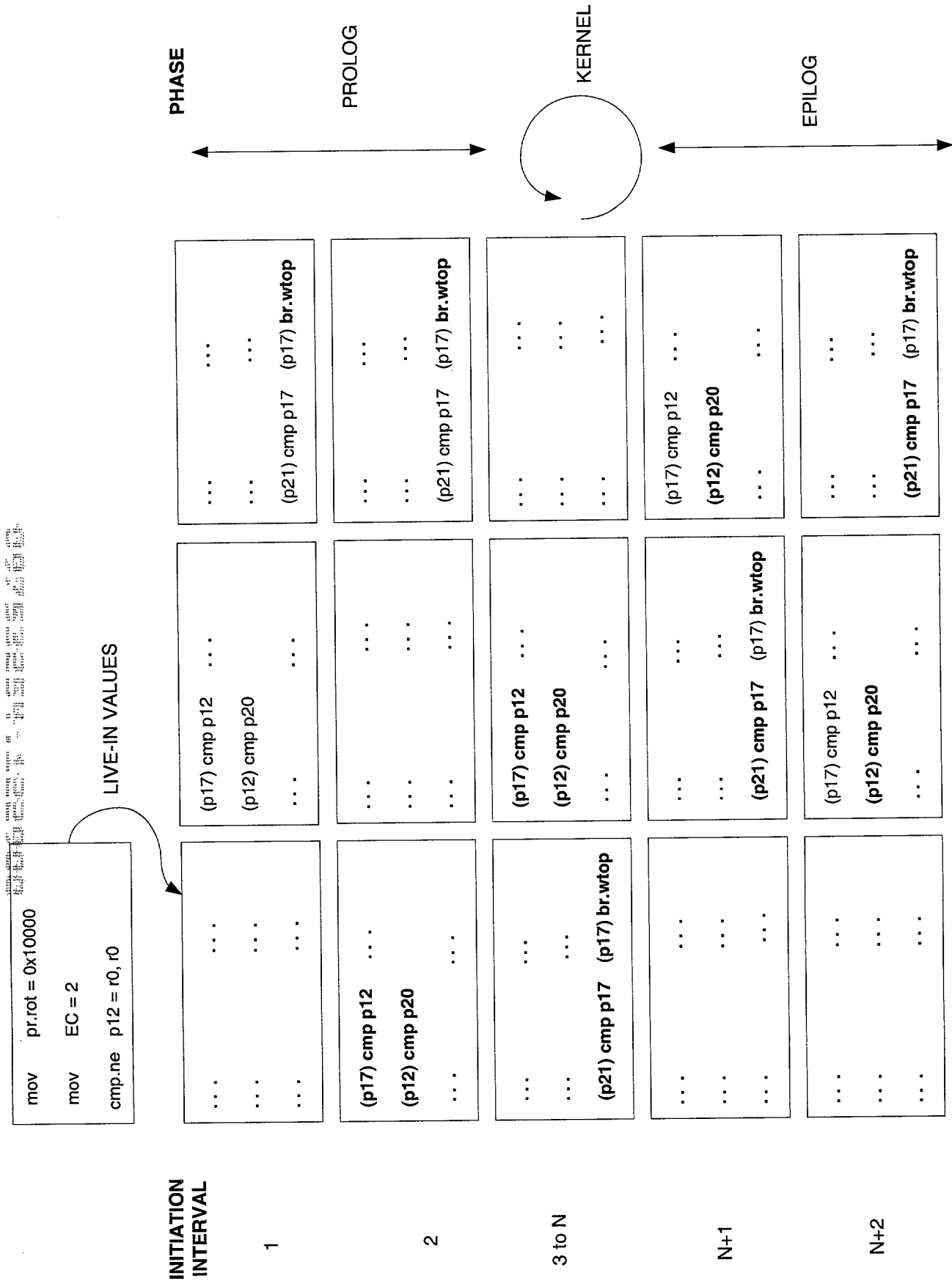


Fig. 4A

500

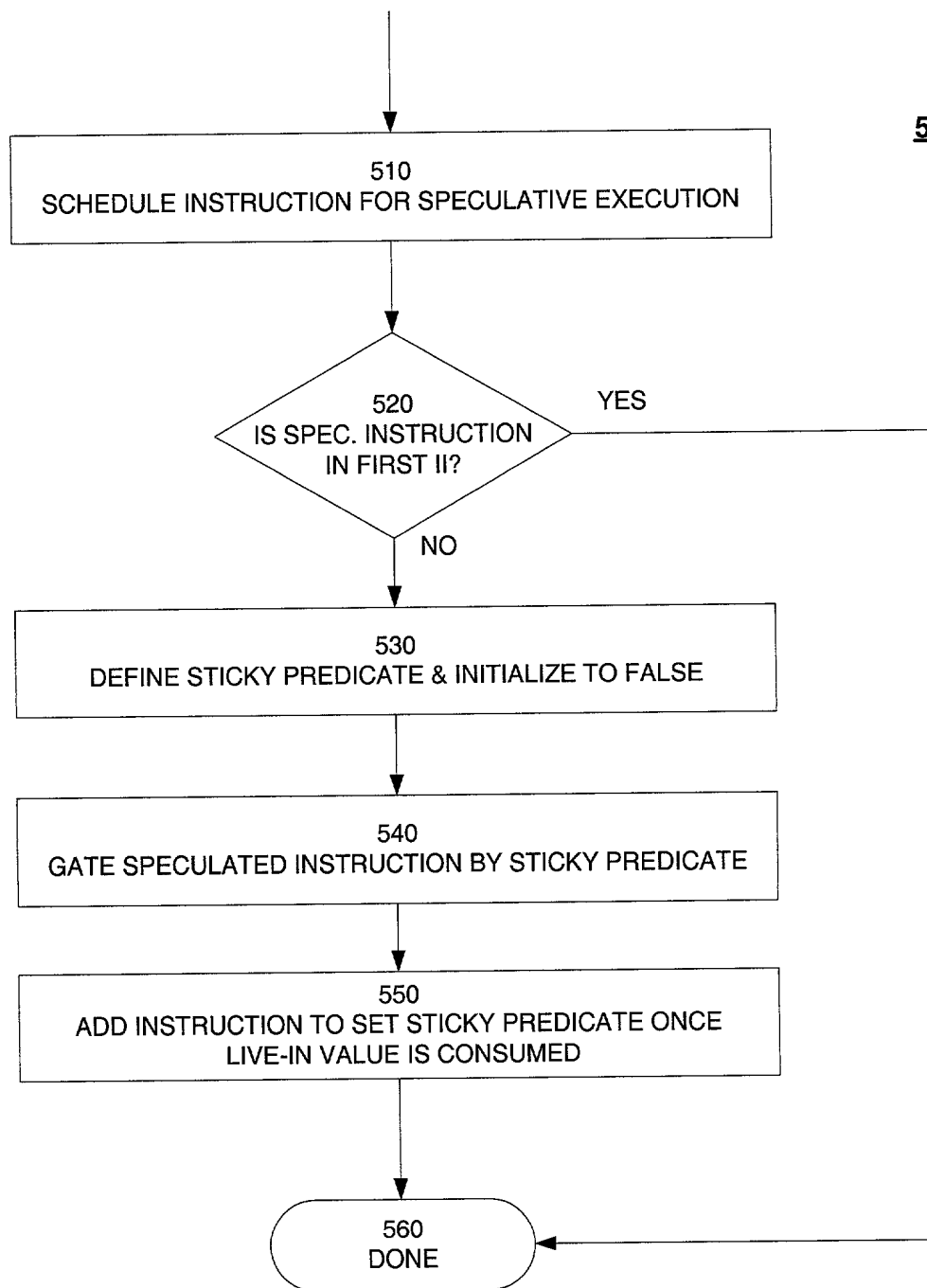


Fig. 5

1. The first row of the table shows the initial values of the registers. The second row shows the values of the registers after the first iteration. The third row shows the values of the registers after the second iteration. The fourth row shows the values of the registers after the third iteration. The fifth row shows the values of the registers after the fourth iteration. The sixth row shows the values of the registers after the fifth iteration. The seventh row shows the values of the registers after the sixth iteration. The eighth row shows the values of the registers after the seventh iteration. The ninth row shows the values of the registers after the eighth iteration. The tenth row shows the values of the registers after the ninth iteration. The eleventh row shows the values of the registers after the tenth iteration. The twelfth row shows the values of the registers after the eleventh iteration. The thirteenth row shows the values of the registers after the twelfth iteration. The fourteenth row shows the values of the registers after the thirteenth iteration. The fifteenth row shows the values of the registers after the fourteenth iteration. The sixteenth row shows the values of the registers after the fifteenth iteration. The seventeenth row shows the values of the registers after the sixteenth iteration. The eighteenth row shows the values of the registers after the seventeenth iteration. The nineteenth row shows the values of the registers after the eighteenth iteration. The twentieth row shows the values of the registers after the nineteenth iteration. The twenty-first row shows the values of the registers after the twentieth iteration. The twenty-second row shows the values of the registers after the twenty-first iteration. The twenty-third row shows the values of the registers after the twenty-second iteration. The twenty-fourth row shows the values of the registers after the twenty-third iteration. The twenty-fifth row shows the values of the registers after the twenty-fourth iteration. The twenty-sixth row shows the values of the registers after the twenty-fifth iteration. The twenty-seventh row shows the values of the registers after the twenty-sixth iteration. The twenty-eighth row shows the values of the registers after the twenty-seventh iteration. The twenty-ninth row shows the values of the registers after the twenty-eighth iteration. The thirtieth row shows the values of the registers after the twenty-ninth iteration. The thirty-first row shows the values of the registers after the thirtieth iteration. The thirty-second row shows the values of the registers after the thirty-first iteration. The thirty-third row shows the values of the registers after the thirty-second iteration. The thirty-fourth row shows the values of the registers after the thirty-third iteration. The thirty-fifth row shows the values of the registers after the thirty-fourth iteration. The thirty-sixth row shows the values of the registers after the thirty-fifth iteration. The thirty-seventh row shows the values of the registers after the thirty-sixth iteration. The thirty-eighth row shows the values of the registers after the thirty-seventh iteration. The thirty-ninth row shows the values of the registers after the thirty-eighth iteration. The fortieth row shows the values of the registers after the thirty-ninth iteration. The forty-first row shows the values of the registers after the fortieth iteration. The forty-second row shows the values of the registers after the forty-first iteration. The forty-third row shows the values of the registers after the forty-second iteration. The forty-fourth row shows the values of the registers after the forty-third iteration. The forty-fifth row shows the values of the registers after the forty-fourth iteration. The forty-sixth row shows the values of the registers after the forty-fifth iteration. The forty-seventh row shows the values of the registers after the forty-sixth iteration. The forty-eighth row shows the values of the registers after the forty-seventh iteration. The forty-ninth row shows the values of the registers after the forty-eighth iteration. The fiftieth row shows the values of the registers after the forty-ninth iteration. The fifty-first row shows the values of the registers after the fiftieth iteration. The fifty-second row shows the values of the registers after the fifty-first iteration. The fifty-third row shows the values of the registers after the fifty-second iteration. The fifty-fourth row shows the values of the registers after the fifty-third iteration. The fifty-fifth row shows the values of the registers after the fifty-fourth iteration. The fifty-sixth row shows the values of the registers after the fifty-fifth iteration. The fifty-seventh row shows the values of the registers after the fifty-sixth iteration. The fifty-eighth row shows the values of the registers after the fifty-seventh iteration. The fifty-ninth row shows the values of the registers after the fifty-eighth iteration. The sixtieth row shows the values of the registers after the fifty-ninth iteration. The sixty-first row shows the values of the registers after the sixtieth iteration. The sixty-second row shows the values of the registers after the sixty-first iteration. The sixty-third row shows the values of the registers after the sixty-second iteration. The sixty-fourth row shows the values of the registers after the sixty-third iteration. The sixty-fifth row shows the values of the registers after the sixty-fourth iteration. The sixty-sixth row shows the values of the registers after the sixty-fifth iteration. The sixty-seventh row shows the values of the registers after the sixty-sixth iteration. The sixty-eighth row shows the values of the registers after the sixty-seventh iteration. The sixty-ninth row shows the values of the registers after the sixty-eighth iteration. The seventieth row shows the values of the registers after the sixty-ninth iteration. The seventy-first row shows the values of the registers after the seventieth iteration. The seventy-second row shows the values of the registers after the seventy-first iteration. The seventy-third row shows the values of the registers after the seventy-second iteration. The seventy-fourth row shows the values of the registers after the seventy-third iteration. The seventy-fifth row shows the values of the registers after the seventy-fourth iteration. The seventy-sixth row shows the values of the registers after the seventy-fifth iteration. The seventy-seventh row shows the values of the registers after the seventy-sixth iteration. The seventy-eighth row shows the values of the registers after the seventy-seventh iteration. The seventy-ninth row shows the values of the registers after the seventy-eighth iteration. The eightieth row shows the values of the registers after the seventy-ninth iteration. The eighty-first row shows the values of the registers after the eightyth iteration. The eighty-second row shows the values of the registers after the eighty-first iteration. The eighty-third row shows the values of the registers after the eighty-second iteration. The eighty-fourth row shows the values of the registers after the eighty-third iteration. The eighty-fifth row shows the values of the registers after the eighty-fourth iteration. The eighty-sixth row shows the values of the registers after the eighty-fifth iteration. The eighty-seventh row shows the values of the registers after the eighty-sixth iteration. The eighty-eighth row shows the values of the registers after the eighty-seventh iteration. The eighty-ninth row shows the values of the registers after the eighty-eighth iteration. The ninetieth row shows the values of the registers after the eighty-ninth iteration. The ninety-first row shows the values of the registers after the ninetyth iteration. The ninety-second row shows the values of the registers after the ninety-first iteration. The ninety-third row shows the values of the registers after the ninety-second iteration. The ninety-fourth row shows the values of the registers after the ninety-third iteration. The ninety-fifth row shows the values of the registers after the ninety-fourth iteration. The ninety-sixth row shows the values of the registers after the ninety-fifth iteration. The ninety-seventh row shows the values of the registers after the ninety-sixth iteration. The ninety-eighth row shows the values of the registers after the ninety-seventh iteration. The ninety-ninth row shows the values of the registers after the ninety-eighth iteration. The hundredth row shows the values of the registers after the ninety-ninth iteration.

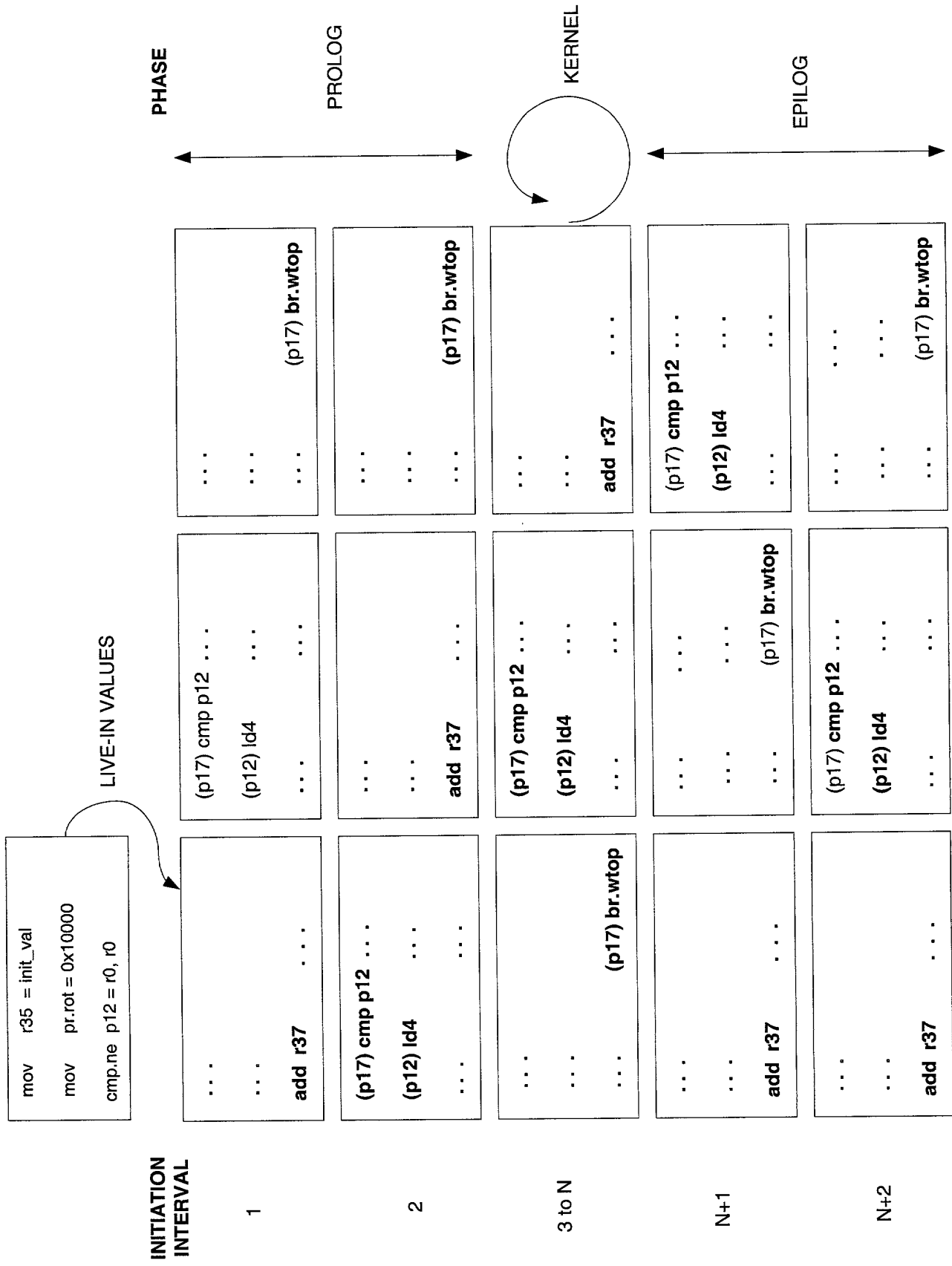


Fig. 6

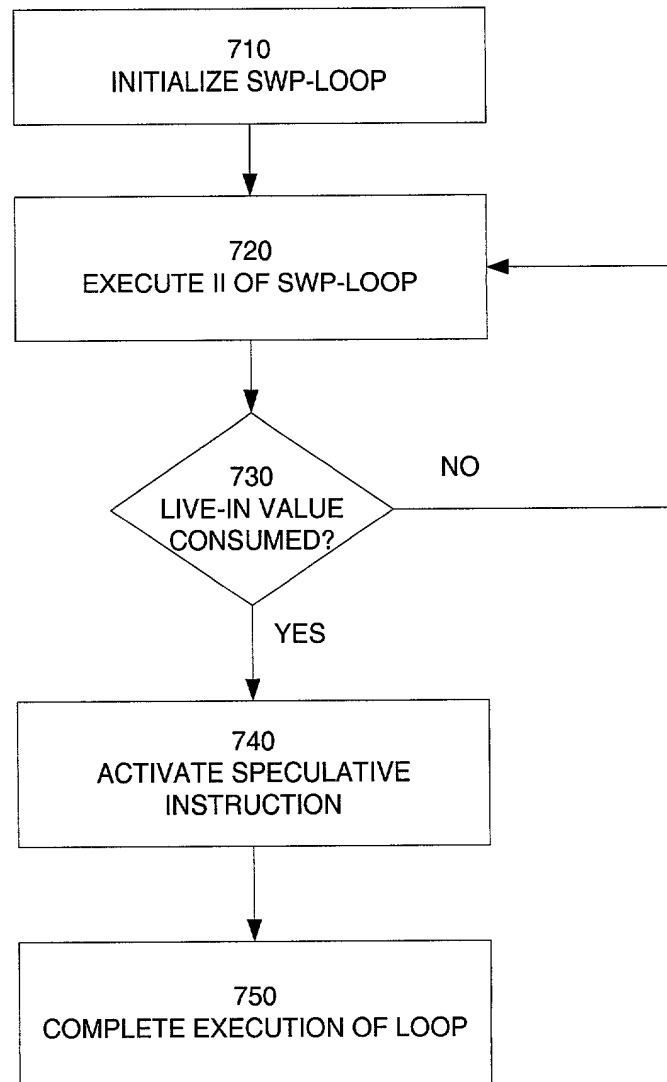


Fig. 7

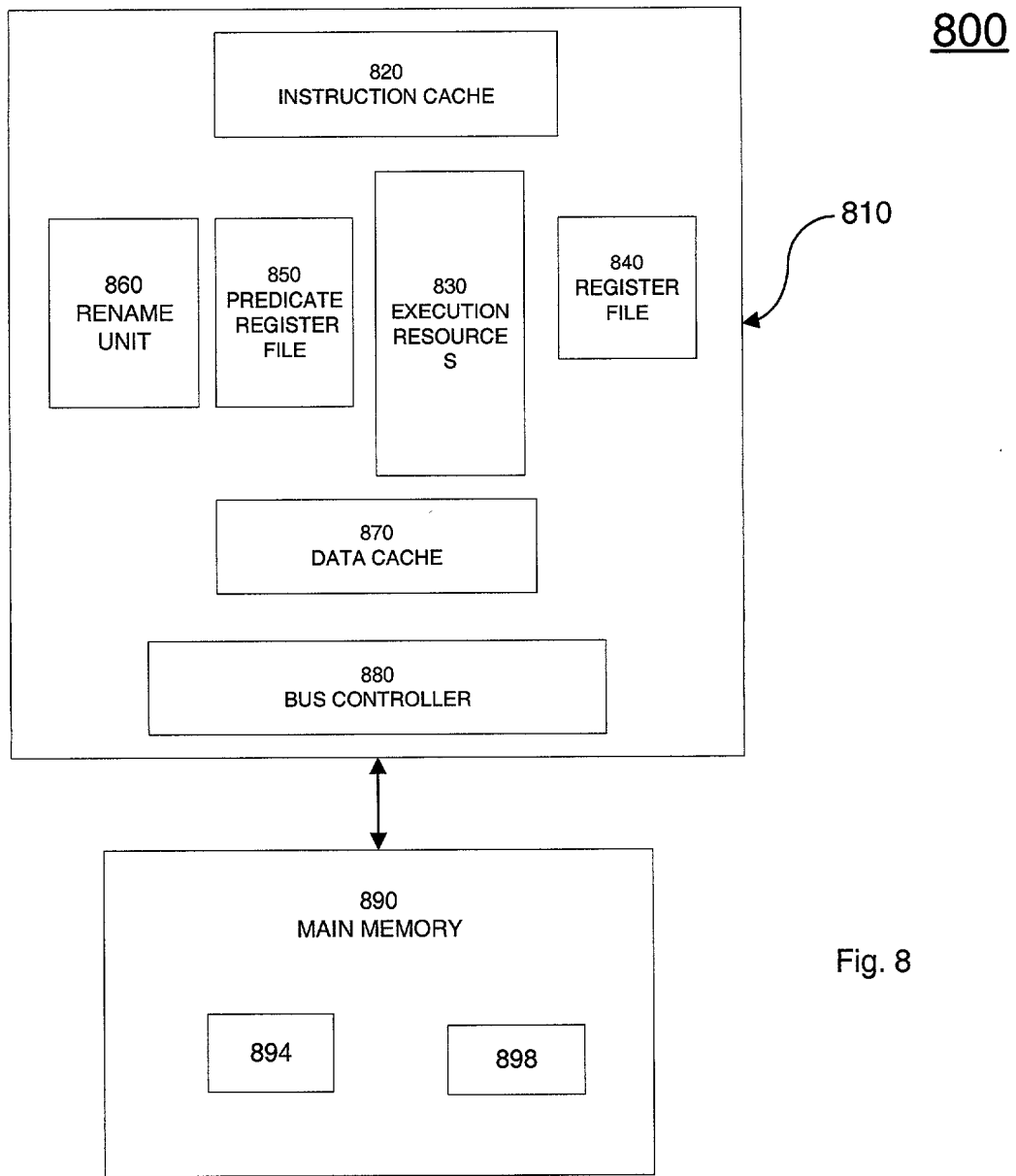


Fig. 8